

TWINKLE TRIANGLE

By Henk Prins 2016

Angles for R.I. = 2.160

106 + 21 girdles = 127 facets

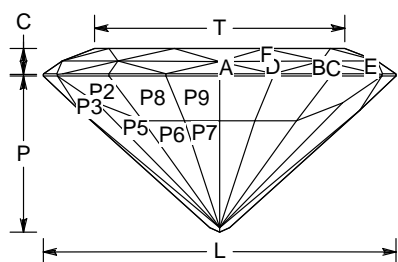
3-fold, mirror-image symmetry

96 index

L/W = 1.056 T/W = 0.749 U/W = 0.714

P/W = 0.466 C/W = 0.077

Vol./W³ = 0.168



PREFORM

| | | | |
|-----|--------|-------------------|-------------------|
| PF1 | 51.00° | 04-28-36-60-68-92 | cut to centrepont |
| PF2 | 43.14° | 16-48-80 | cut to centrepont |
| G1 | 90.00° | 16-48-80 | set size |
| G2 | 90.00° | 04-28-36-60-68-92 | level girdle |

PAVILION

| | | | |
|----|--------|-------------------|-----------------------------|
| P1 | 45.20° | 96-32-64 | set girdle position |
| P2 | 50.73° | 12-20-44-52-76-84 | meet P1-G1-G2, level girdle |
| P3 | 43.36° | 09-23-41-55-73-87 | meet P1-P2 G3-G4 |
| P4 | 36.94° | 96-32-64 | meet P1-P3, PCP |
| P5 | 45.73° | 11-21-43-53-75-85 | meet P3-P4 |
| P6 | 47.68° | 13-19-45-51-77-83 | meet P3-P4-P5 |
| P7 | 48.56° | 15-17-47-49-79-81 | meet P3- P4-P5-P6 |
| P8 | 52.09° | 13-19-45-51-77-83 | meet P2-P5-P6 |
| P9 | 53.64° | 15-17-47-49-79-81 | meet P6-P7-P8 |
| G3 | 90.00° | 13-19-45-51-77-83 | level girdle |
| G4 | 90.00° | 15-17-47-49-79-81 | level girdle |

CROWN

| | | | |
|---|--------|-------------------------------|---|
| A | 48.64° | 15-17-47-49-79-81 | Set girdle width |
| B | 47.85° | 13-19-45-51-77-83 | Level girdle |
| C | 46.79° | 12-20-44-52-76-84 | Level girdle, also precut H at same angle to level girdle |
| D | 40.64° | 14-18-46-50-78-82 | Meet A-B at girdle |
| E | 33.99° | 10-22-42-54-74-86 | meet C-H at girdle |
| F | 33.99° | 14.0-18.0-46.0-50.0-78.0-82.0 | meet A-B & B-C |
| G | 24.41° | 10-22-42-54-74-86 | meet B-C & E-H |
| H | 42.74° | 96-32-64 | Recut to meet girdle & E-G |
| I | 27.15° | 16-48-80 | meet A-D-F |
| J | 23.40° | 11-21-43-53-75-85 | meet F-D-B-C-G-E |
| K | 15.28° | 96-32-64 | meet G-E-H |
| T | 0.00° | Table | meet G & F |

Very High BLING stone and not an easy stone to cut, Recommended for experienced facetors only!

Cut at least 10mm+. Best in RI greater than 1.7 Spectacular in CZ

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